

# DAIRY



## QUALITIES OF THE AYRSHIRE

Animal Is Quite Intelligent, Quick to Learn and of Retentive Memory—Easy to Milk.

The general appearance of an Ayrshire, as you look at her, is striking, being alert and full of life and reserved energy. She is a healthy cow, rarely having ailments of body and udder, and you seldom see an Ayrshire cow but that has four healthy quarters in her udder and gives a uniform quantity of milk from each. She is a very persistent milker, giving a uniform quality well up toward calving, and many of them are dried off with difficulty.

She is very intelligent, quick to learn and of a retentive memory, easily taught to take the same place in the stable and, if required to change, will in a few days readily take the new place. She is quiet and pleasant to milk, not easily disturbed, and will as a rule yield her milk as readily to one milker as to another, and does not seem disturbed by any amount of noise in the stable.

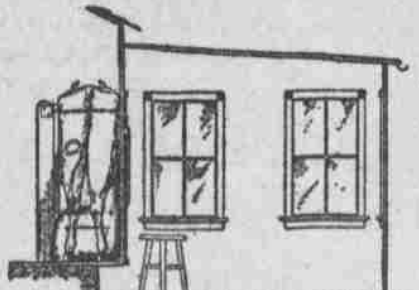
As a dairy cow she is particularly adapted to the production of milk for the milkman and for table use, as her medium size, vigorous appetite and easy keeping qualities make her an economical producer, while her even, uniform production makes her a reliable supply, and the richness of her milk in total solids places it above suspicion from city milk inspectors. Her milk is particularly adapted to transportation, as it does not churn or sour easily, and when poured back and forth a few times will readily mix the cream back into the milk, which will not again readily separate, giving it a uniform quality until the last is sold or used. It has a good body, is rich looking and never looks blue. The milk itself being easily balanced with casein and butter fat, is a complete food, easily digested, nutritious, and is particularly adapted to children and invalids. Stomachs that are weak and unable to digest other milk find no trouble with Ayrshire cow's milk.

## FOR USE IN MILKING COW

Invention of Florida Man Provides Vertical Partition Between Milk-er and Animal.

The Scientific American in describing a sanitary structure and milking appliance, invented by G. M. Lummis of Fort Myers, Fla., says:

"This invention provides a vertical partition interposed between the cow and the milker, and constructs the same with a large opening over and in which a flexible screen formed of rubber, skin or fabric, and having holes for insertion of the cow's teats, is applied so as to completely exclude foreign substances from access to the milk pail. Thus in place of taking a



Appliance for Milking Cow.

pail or milking machine to a cow when tied in the open or in a stable, the cow is taken to a particular structure and is confined therein while being milked. The engraving shows a cross section of a cow stall or stable and an adjoining compartment where the milker is located.

## Cruelty to the Cows.

The milker who will thump a cow for squirming under the attack of flies ought to be hoisted out of the barn on the toe of the dairyman's boot.

Why should the hired man be expected to work ten hours or more in the harvest field and then while hot and dirty tackle the milking job?

## Prepare for Future.

It is imperative that we provide some means of tiding the dairy herd over the season of falling pastures, instead of vainly regretting that it has occurred.

The dairyman who depends upon the pasture during the summer and hay during the winter to feed his cows is treading on treacherous ground.

## Cow Testing.

The universal interest in the problem of increasing dairy profits through the cow testing associations shows that dairy farmers are willing to learn better ways when they have convincing proof to sustain a theory.

## Care in Spraying.

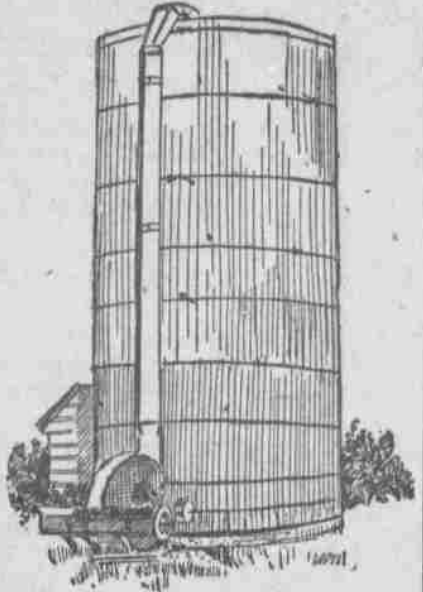
In spraying the cows, be careful that a generous quantity of the solution is put on their backs, especially just behind the shoulders, since at these points it is difficult for the animal to brush off the flies.

## PROFITS INCREASED BY SILO

Dairyman Should Be Ready to Take Advantage of Opportunities to Reduce His Expenses.

(By J. E. DORMAN.)

If a dairy farmer were told that he could roll silver dollars down a hill and then pick up two dollars for every one he rolled down, and this statement was verified by some of his neighbors and hundreds of other dairy farmers in the country, that farmer would stay up nights and roll the dollars. But when told that he could double the profits by the use of the silo he becomes very indifferent and keeps on in the same old rut, feeding dry feed, wasting nearly half of his corn crop and doing a lot of unnecessary work. In these days of close competition, dairymen should be ready to take advantage of every opportunity to reduce the cost of production, and it will be found that it is easier, if the



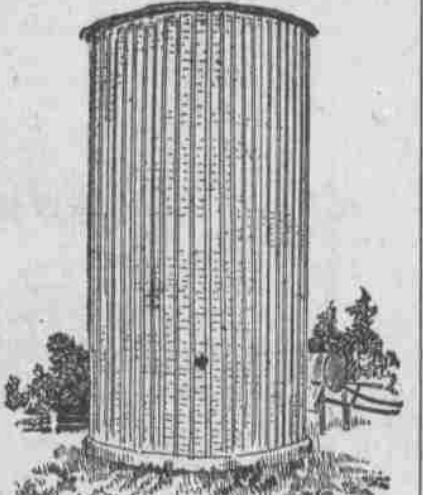
Stave Silo—Capacity 80 tons, size 14x28 feet; cost \$132. No roof, clay floor.

proper methods are used, to do that than to raise the selling price of the dairy products. The results are the same; a large net profit.

In the corn plant about 40 per cent. of the feeding value is in the stalk and 60 per cent. in the ear. When the ear alone is fed, nearly half of the corn crop is wasted.

Where the dry stalks are fed, at least half of them remain uneaten, while if stored in the silo the loss is almost nothing.

Every dairyman knows that cows will do their best on fresh June pasture. The grass is succulent and pal-



Modified Wisconsin Silo—Capacity 150 tons; size 18x30 feet; cost, \$230, complete with roof and concrete floor.

atable and the conditions for a maximum milk flow are ideal. These conditions, however, do not last very long.

The silo comes as near to supplying the ideal conditions as anything that can be found, and it is available every day in the year. It provides a uniform feed for every one of the twelve months.

Highly sensitive dairy cows resent any sudden or violent change in feed, and will show it by a decreased milk flow. The change from fall pasture to dry feed is always followed by a shrinkage in the milk.

In changing from the pasture to the silage, the change is not so great, and often the cows increase the flow of milk when started on silage. Several dairymen have recently made the statement that the increased profits paid for the silo the first year.

## DAIRY NOTES

Cows that are on pasture should have free access to salt.

Don't hesitate to increase the grain ration to keep up the milk flow.

The heifer whose first milk period is long, frequently develops the habit of long periods.

With soiling crops and some grain the dairy herd should maintain a profitable production.

Green feed fed to milk cows will insure larger profits, and as a good aid to this result is a silo.

When a dairyman learns to use the Babcock test he is started on the way to economic salvation.

One paper says: "Clean up frequently." It would be better for the dairy farmer to keep things clean all the time.

Among the men who have been phenomenally successful on the farm those who have followed dairying stand out pre-eminently.

If the calves that are in the pasture are expected to do well they should have plenty of shade and plenty of good clean water.

Vitality is a very important characteristic in the dairy cow or any other farm animal. If weak along this line the best returns cannot be expected.

## OXIDINE

To let malaria develop unchecked in your system is not only to "flirt with death," but to place a burden on the joy of living.

You can prevent malaria by regularly taking a dose of OXIDINE. Keep a bottle in the medicine chest and keep yourself well.

OXIDINE is sold by all druggists under the strict guarantee that if the first bottle does not benefit you, return the empty bottle to the druggist who sold it, and receive THE FULL PURCHASE PRICE.

A SPLENDID TONIC

## Not Necessary to Leave Home.

In an effort to stop the migration of dying consumptives to the Southwest, the National Association for the Study and Prevention of Tuberculosis will ask physicians to be more careful in ordering patients to go away, and will also ask railroads to discontinue their practice of selling "charity" tickets to those who cannot afford to pay full fare. "No consumptive should go to Colorado, California, or the West for his health," says the association, "unless he has a good chance for recovery from his disease, and unless especially he has at least \$1,000 to spend for this purpose, over and above what his family may need."

"Tuberculosis can be cured in any part of the United States, and it is not necessary for a tuberculosis patient to go West. Whenever possible, the National Association urges tuberculosis patients who have not ample funds to go to a sanatorium near home, and if they cannot do this, to take the cure in their homes, under the direction of a physician."

## Mixing the Names.

Mayor Bacharach of Atlantic City, at a dinner at the Marlborough-Blenheim, told of a summer girl.

"On the beach in the moonlight," he said, "a youth clasped a maiden passionately to his breast and murmured: 'Do you love me, darling?'"

"Yes—ah, yes, Reginald," she sighed.

"Reginald?" said the youth in a startled voice. "You mean Clarence, don't you, dear?"

"Smiling sweetly, she nestled closer. 'How stupid of me! I was thinking it was the week end.'—Exchange.

## Telling the Age of a Horse.

The age of a horse may be judged by the appearance of the teeth because on the upper surface of the incisors a hollow is to be seen in the young tooth, which, not extending through the whole substance, naturally wears out with the wear of the tooth, and as a considerable degree of regularity occurs in the wearing away in all horses it has been adopted as a general criterion of age.

## Stanley in the Arabian Nights.

Morgiana poured oil on the forty thieves.

"They will be worth more after they are dissolved," she cried.—New York Sun.

## Literal Surgery.

"Did the surgeon, when consulted, write that man he was going to sew up his heart with gold wire?"

"No, he didn't write; he wired him."

## Better a pavement made of good intentions than no pavement at all.

## Cold Blooded and Death Dealing

CHILLS. Cheatham's Chill Tonic is the only medicine which has entirely cured me of chills. After spending a great deal of money for several years to get cured, I bought and used your Cheatham's Chill Tonic which cured me and also two of my children. I recommend it to all as the best Chill Tonic I ever saw, says Mr. T. J. House of Bulcher, Texas. Guaranteed to cure malaria or price promptly refunded. All dealers sell it in 50c bottles. Mfd. by A. B. Richards Medicine Company, Sherman, Texas.

## Always a Safe Remark.

Amateur Ned Kelly (sotto voce)—By Jove! I've forgotten my jolly linen. Goodness gracious, whatever shall I do?

Professional Dan Kelly (equal to the occasion)—Shoot the nearest policeman and beat out: "To the bush, boys, to the bush!"—Sydney Bulletin.

## THE DREADFUL DISEASE MALARIA

quickly cured by that wonderful remedy Bilex Babek.

"The result has been an absolute cure to me, and it affords me the greatest pleasure to recommend 'Babek' to all who are suffering from that dreadful disease known as malaria."—Clarence Elmo Erkood.

Don't suffer from chills & fever, ague or gripe when you can get prompt relief.

Bilex Babek, 50 cents, all druggists, or Klossowski & Co., Washington, D. C.

A man has no use for a woman who attempts to convince him that he is wrong and succeeds in doing it.

## PICKED OUT THE WRONG EYE

Physician Meant Well Enough but He Had Left the Motorman Seriously Handicapped.

Frank E. Payne, a member of the state railroad commission, said when investigating a trolley accident recently, he was told of a motorman on a work car who was running at high speed when the trucks left the rails because of snow and sleet, and the car was thrown to the side of the right of way, bringing it up against a telephone pole.

"The motorman was not seriously hurt, but was cut and bruised about the head and face by flying glass. He was carried to a physician's office where his wounds were dressed and bandaged. When the physician had placed the last pin, he asked the wounded man if he felt like he could walk.

"Sure, I can walk all right," returned the patient, "but I wish you would fix those bandages so I can see."

"Why, man," returned the physician, "I left one of your eyes uncovered for the purpose."

"But, doc, that eye you left uncovered is a glass one."—Indianapolis News.

## AWFUL.



The Listener—That fellow plays the cornet to beat the band.

The Musician—That's right; he can't keep time.

## Saving Trouble.

"Have you read the platforms of the different political parties?"

"What's the use wastin' time doin' that?"

"I should think you would want to find out how to vote intelligently."

"How to vote intelligently? My grandfather found that out years ago, so what's the use of my botherin' about it?"

## Don't Take Calomel

Bond's Pills Are Better

They do not sicken or gripe. They do not "tear you to pieces." They do not leave you constipated. They are small, mild, effective. Why waste time and money on unknown and expensive purgatives?

Just take one Bond's Pill at bed time for that headache, biliousness, torpid liver, etc., and wake up well! All Druggists, 25c, or send to Bond's Pharmacy Co., Little Rock, Ark. A free sample on request.

## Needed Help.

Charles D. Hillis, secretary of the president, says the funniest advertisement he ever saw was stuck up in front of a grocery store on a side street in Cincinnati. It read thus:

"Twins are come to me for the third time. This time a boy and a girl. I beseech my friends and patrons to support me stoutly."—Popular Magazine.

## Keeping Water Cold.

If you are in the habit of taking a pitcher of lead water to your room on retiring, try this: Procure a square pasteboard box (with lid), sufficiently large to hold your pitcher, and give it two or three coats of varnish on the outside, allowing each coat to dry thoroughly. Place your pitcher of water in this box on retiring, putting the lid on tightly, and you are sure of having cold drinking water any hour of the night.

## TO DRIVE OUT MALARIA AND BUILD UP THE SYSTEM

Take the Old Standard GROVES TASTELISS CHILL TONIC. You know what you are taking. The formula is plainly printed on every bottle, showing it is simply Quinine and Iron in a palatable form, and the most effective form. For grown people and children, 50 cents.

## An Oversight.

"There has certainly been a serious miscalculation about this year."

"What's that?"

"So many dreadful things are happening, and they forgot all about preserving them by a comet."

A very successful remedy for pelvic catarrh is hot douches of Paxtine Antiseptic, at druggists, 25c a box or sent postpaid on receipt of price by The Paxton Toilet Co., Boston, Mass.

## Lucky Woman.

Wife—There are so very few really good men in the world.

Hub—Yes; you were mighty lucky to get one.

Mrs. Winslow's Soothing Syrup for Children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 30c a bottle.

It takes a lot to live—and it requires a house on the lot.



## A Picture of Contentment

All men look pleased when they smoke this choice tobacco—for all men like the rich quality and true, natural taste of

Liggett & Myers

## Duke's Mixture

Smoked in pipes by thousands of men—everywhere known to smokers as "the makings."

We take unusual pride in Liggett & Myers Duke's Mixture. It is our leading brand of granulated tobacco—and every sack we make is a challenge to all other tobacco manufacturers. Every 5c sack of this famous tobacco contains one and a half ounces of choice granulated tobacco, in every way equal to the best you can buy.

If you have not smoked Duke's Mixture, made by the Liggett & Myers Tobacco Co. at Durham, N. C., try it now.

## Get a Camera with the Coupons

Save the coupons. With them you can get all sorts of valuable presents—articles suitable for young and old; men, women, boys and girls. You'll be delighted to see what you can get free without one cent of cost to you. Get our new illustrated catalog. As a special offer, we will send it free during September and October only. Your name and address on a postal will bring it to you.



Coupons from Duke's Mixture may be gathered with tags from HORSE SHOE, J. J. TINSLEY'S NATURAL LEAF, GRANGER TWIST, coupons from FOUR ROSES (1c in double coupon), PICK PLUG CUT, PIEDMONT CIGARETTES, CLIX CIGARETTES, and other tags or coupons issued by us.

Address—Premium Dept. Liggett & Myers Tobacco Co.

ST. LOUIS, MO.

## W. L. DOUGLAS SHOES

\$3.00 \$3.50 \$4.00 \$4.50 AND \$5.00

FOR MEN AND WOMEN

Boys all wear W. L. Douglas \$2.00, \$2.50 and \$3.00 School Shoes. Best in the world

W. L. Douglas makes and sells more \$3.00, \$3.50 and \$4.00 shoes than any other manufacturer in the world because they look better, fit better, and wear longer than ordinary shoes.

CAUTION.—When you buy shoes be sure W. L. Douglas name is stamped on the bottom. It guarantees protection to you against inferior shoes. Beware of substitutes. W. L. Douglas shoes are sold in 78 shoe stores in large cities and retail shoe dealers everywhere. Fast Color Eyelets. Write for Catalog. W. L. DOUGLAS, Brockton, Mass.

## THE MERCANTILE BANK

MEMPHIS, TENN.

CAPITAL \$200,000.00 SURPLUS \$100,000.00

DIRECTORS—F. G. Barton, A. S. Caldwell, S. T. Carnes, J. M. Fowkes, W. M. Hannan, E. G. Jones, E. B. LeMaster, S. Lunce, E. W. Porter, C. H. Raine, W. G. Reed, H. H. Reese, Jno. W. Short, R. A. Speed, T. B. Turley, E. E. Wright.

3 PER CENT PAID ON SAVINGS, COMPOUNDED QUARTERLY.

## True Worth.

Visitor: "I came all the way from the city to consult your lawyer Jones here. He's a good man, isn't he?"

Uncle Eben: "Nope; we don't consider him one, two, three, with Smith. Why Smith's been intrusted with the local agency of the Knott Knitting Needle, the dispensing of Daggett's Drugless dope, and the demonstrating of Fasset's Fireless Cooker. That not only shows that he's got the confidence of such big fellows as them, but he don't have to depend on his law hardly at all to make a living."—Lippincott's Magazine.

## How She Managed It.

"Sarah," said Mr. Jolliboy to his wife, as he finished his breakfast, "I shall not be home to dinner tonight. My old friend Bill Peters is in town. 'Good!' said Mrs. Jolliboy. 'That suits me to a T. I'm not going to be home to dinner myself. My old friend George Watkins telephoned me yesterday.'"

Both dined at home.—Harper's Weekly.

## Real Worries.

"What's the trouble with the maids?"

"Servants are so silly. Seems the maid who has charge of Fido has been snubbing the maid who takes care of the baby."

About the only thing father gets on his birthday is a lemon.

## A WONDERFUL DISCOVERY.

In this age of research and experiment, all nature is unlocked by the scientist for the comfort and happiness of man. Science has indeed made giant strides in its past century, and among the by no means least important—discovery arises in medicine is that of "Therapion," which has been used with great success in French Hospitals and has been the subject of many of those who suffer from kidney, bladder, nervous disease, chronic weakness, ulcers, skin eruptions, piles, etc., there is no doubt. In fact it seems evident from the big stir created amongst specialists, that "THERAPION" is destined to cast into oblivion all those questionable remedies that were formerly the sole reliance of medical men. It is of course impossible to tell whether all we should like to tell them in this short article, but those who would like to know more about this remedy that has effected so many—write at once, enclosing a stamped, addressed envelope for "THERAPION" to Dr. LeClerc Med. Co., Havertown Road, Haverhill, London, Eng. and decide for themselves whether the New French Remedy "THERAPION" No. 1, No. 2, or No. 3 is what they require and have been seeking in vain during a life of misery, suffering, ill health and unhappiness. Therapion is sold by Druggists at mail \$1.00. Fougere Co., 90 Beckman St., New York.

## FOR OLD AND YOUNG

Tutt's Liver Pills act as kindly on the child, the delicate female or infirm old age, as upon the vigorous man.

## Tutt's Pills

give tone and strength to the weak stomach, bowels, kidneys and bladder.

## No. 666

This is a prescription prepared especially for Chills and Fever. Five or six doses will break any case of Chills and Fever, and if taken then as a tonic the Fever will not return. It acts on the liver better than Calomel and does not gripe or sicken. 25c.

## Pettit's Eye Salve

QUICK RELIEF SORE EYES

## DEFIANCE STARCH

never sticks to the iron.

W. N. U., MEMPHIS, NO. 36-1912.

# You Look Prematurely Old

Because of those ugly, grizzly, gray hairs. Use "LA CREOLE" HAIR DRESSING. PRICE, \$1.00, retail.